**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY**
**REGION 7**
11201 Renner Boulevard
Lenexa, Kansas 66219

Crystal Reynolds
603 West 2nd Street
Holden, Missouri 64040

Re: Martha Rose Chemical, Holden, Missouri - EPA Site ID: MOD980633069

Dear Ms. Reynolds:

On April 28, 2021, representatives of the U.S. Environmental Protection Agency collected indoor air and sub-slab samples from your property as listed below. These samples were collected to evaluate vapor concentrations in indoor air at and beneath your building. The contaminants associated with the ongoing site investigation include tetrachloroethene (PCE) and trichloroethene (TCE). The samples were submitted for laboratory analysis of volatile organic compounds, including the site-related contaminants noted. Results from these sampling events are summarized in the table below.

| **Sample Results: 603 W 2nd Street, Holden, Missouri** | | | **PCE ($\mu g/m^3$)** | **TCE ($\mu g/m^3$)** |
|---|---|---|---|---|
| **Resident Indoor Air Removal Management Level** | | | **42** | **2** |
| **Resident Sub-Slab Removal Management Level** | | | **1,400** | **67** |
| Sample Type | Sample ID | Collection Date | PCE Result | TCE Result |
| Indoor Air | 8868-8 | 4/28/2021 | 0.36 | 0.14 |
| Sub-Slab | 8868-9 | 4/28/2021 | <0.34 | <0.14 |

**Notes:** Sample ID = Sample Identification # $\mu g/m^3$ = Micrograms per cubic meter ND = Not detected

Indoor air sample 8868-8 collected on April 28, 2021, from the interior of your business indicated detections of PCE and TCE in the indoor air that are below the EPA Removal Management Levels. As previously discussed, multiple rounds of sampling are anticipated to monitor concentrations. The EPA will be contacting you regarding future sampling events.

This information is being provided to you in accordance with Section 104(e)(4)(B) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended. If you have any questions regarding the above, please contact me by phone at (913) 551-7449, by e-mail at schmaedick.manuel@epa.gov, or call toll-free at (800) 223-0425. Thank you for your cooperation in this matter.

Sincerely,

MANUEL SCHMAEDICK
Digitally signed by MANUEL SCHMAEDICK
Date: 2021.05.27 10:53:33 -05'00'

Manuel Schmaedick
On-Scene Coordinator
Assessment, Emergency Response and Removal Branch
Superfund and Emergency Management Division

Enclosure

cc: Valerie Wilder, MDNR

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# United States Environmental Protection Agency
# Region 7
# 11201 Renner Blvd
# Lenexa, KS 66219

05/06/2021

## Results of Sample Analysis

Sample: 8868-8
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-8. This sample was collected on 04/28/2021 at the location described as: 603IA. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-8 for project: MS078D00 - Rose, Martha Chemical CO.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Air Volatiles Field Parameters** | | |
| Canister ID | 694 | Identification, Species or Other ID |
| Regulator ID | 152 | Identification, Species or Other ID |
| Starting Pressure | -28 | Inch of Mercury |
| Ending Pressure | -5 | Inch of Mercury |
| **Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)** | | |
| 1,1-Dichloroethane | Less Than 0.82 | Micrograms per Cubic Meter |
| 1,1-Dichloroethene | Less Than 0.20 | Micrograms per Cubic Meter |
| Tetrachloroethene | 0.36 | Micrograms per Cubic Meter |
| 1,1,1-Trichloroethane | 2.4 | Micrograms per Cubic Meter |
| Trichloroethene | Approximately 0.14 | Micrograms per Cubic Meter |
| Vinyl Chloride | Less Than 0.13 | Micrograms per Cubic Meter |

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# Results of Sample Analysis

Sample: 8868-9
Project ID: MS078D00

These are the results from the analysis of air sample number 8868-9. This sample was collected on 04/28/2021 at the location described as: 603SS. If you have any questions about these results, contact Manuel Schmaedick at the above address or by calling 913-551-7449. Correspondence should refer to sample number 8868-9 for project: MS078D00 - Rose, Martha Chemical CO.

| Analysis/Analyte | Amount Found | Units |
|---|---|---|
| **Air Volatiles Field Parameters** | | |
| Canister ID | 813 | Identification, Species or Other ID |
| Regulator ID | 139 | Identification, Species or Other ID |
| Starting Pressure | -29 | Inch of Mercury |
| Ending Pressure | -6 | Inch of Mercury |
| **Volatile Organic Compounds (VOCs) in Air at Ambient Levels by Gas Chromatography and Mass Selective Detection (GC/MS)** | | |
| 1,1-Dichloroethane | Less Than 0.82 | Micrograms per Cubic Meter |
| 1,1-Dichloroethene | Less Than 0.20 | Micrograms per Cubic Meter |
| Tetrachloroethene | Less Than 0.34 | Micrograms per Cubic Meter |
| 1,1,1-Trichloroethane | Less Than 1.1 | Micrograms per Cubic Meter |
| Trichloroethene | Less Than 0.14 | Micrograms per Cubic Meter |
| Vinyl Chloride | Less Than 0.13 | Micrograms per Cubic Meter |